

## Summary:

This data set contains selected NEXRAD weather images from the northeastern United States for the summer of 1995.

## Acknowledgement:

The data set should be cited as follows:

Mueller, Peter K. 1998. NARSTO-NE Selected NEXRAD Images for 1995. Available online via [NARSTO Data and Information](#), NASA Langley Research Center, Hampton, Virginia, U.S.A.

## Table of Contents:

1. [Data Set Overview](#)
2. [Applications](#)
3. [Theory of Measurements](#)
4. [Acquisition Materials and Methods](#)
5. [Preparation and Description](#)
6. [Notes and Plans](#)
7. [Products and Access](#)
8. [References](#)
9. [Glossary and Acronyms](#)
10. [Document Information](#)

## 1. Data Set Overview:

### Data Set Identification:

NARSTO\_NE\_NEXRAD\_IMAGES

### Data Set Introduction:

This data set contains selected NEXRAD weather images from the northeastern United States for the summer of 1995.

### Objective/Purpose:

The NEXRAD weather radar images were used to supplement the air quality monitoring, meteorological, and emissions, data collected across the northeastern United States.

### Summary of Parameters:

NEXRAD weather images of the northeastern United States in GIF format.

### Discussion:

NARSTO-NE Selected NEXRAD Images for 1995.

### Related Data Sets:

NARSTO-NE Selected Visible and Infrared Images for 1995.

## Investigator(s):

### Investigator(s) Name and Title:



## **Title of Investigation:**

NARSTO-NE Selected NEXRAD Images for 1995

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## **2. Applications:**

Useful for supplemental analyses of air quality monitoring, meteorological, and emissions, data collected across the northeastern United States in 1995.

## **3. Theory of Measurements:**

Not Applicable

## **4. Acquisition Materials and Methods:**

### **Acquisition Equipment:**

### **Sensor/Instrument Description:**

NEXRAD

### **Collection Environment:**

### **Source/Platform:**

Ground Stations

### **Source/Platform Mission Objectives:**

Not Applicable

### **Key Variables:**

NEXRAD weather images of the northeastern United States in GIF format.

### **Principles of Operation:**

Not Applicable

### **Sensor/Instrument Measurement Geometry:**

Not Applicable

### **Manufacturer of Sensor/Instrument:**

Not Applicable

## **5. Preparation and Description:**

### **Data Description:**

### **Spatial Characteristics:**



## Temporal Characteristics:

### Temporal Coverage:

Images were selected for the period July 12 - September 8, 1995.

### Temporal Coverage Map:

Not Available

### Temporal Resolution:

Hourly - Daily.

## Data Characteristics:

NEXRAD weather images of the northeastern United States in GIF format.

### Parameter/Variable:

Radar Imagery

### Sample Data Record:

NEXRAD weather images of the northeastern United States in GIF format.

### Data Organization:

### Data Granularity:

The 1995 NEXRAD files are available as individual GIF images by date and time (narsto\_ne\_nexrad\_1995\_mmddxxxx.gif)(e.g., narsto\_ne\_nexrad\_1995\_07132030.gif).

A general description of data granularity as it applies to the IMS appears in the [EOSDIS Glossary](#).

### Data Format:

The files are in GIF format.

### Data Verification by Data Center:

The Langley Data Center performs an inspection process on the data received by the data producer via ftp. The Data Center checks to see if the transfer of the data was completed and delivered in their entirety.

## 6. Notes and Plans:

Not Applicable.

## 7. Products and Access:

### Contact Information:

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E-mail: [support-asdc@earthdata.nasa.gov](mailto:support-asdc@earthdata.nasa.gov)

### Data Center Identification:

NASA Langley Research Center Atmospheric Science Data Center

### Procedures for Obtaining Data:



Distributed by the Atmospheric Science Data Center  
<http://eosweb.larc.nasa.gov>



The Langley Data Center provides web interfaces that allow direct access to its data holdings for immediate downloading, for placing media orders, for searching the data holdings, and for ordering prepackaged CD-ROMs and videocassettes. All of these methods are easily accessible from the [Langley Data Center web site](#).

## Data Center Status/Plans:

The Langley Data Center will continue to archive these data.

## Output Products and Availability:

Data sets are available via ftp.

## Software:

### Software Description:

Not Applicable

### Software Access:

Not Applicable

## 8. References:

The NARSTO-Northeast Program maintains the [Electric Power Research Institute \(EPRI\)](#) site that lists numerous reports which describe the results of analyses of the measurements data.

## 9. Glossary and Acronyms:

### Glossary of Terms:

[EOSDIS Glossary](#).

### List of Acronyms:

[EOSDIS Acronyms](#).

## 10. Document Information:

Document Creation Date: April 1999

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### Document Curator:

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